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APPLICATION N	NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/710,957 08/14/2004		08/14/2004	Rick West	9374	
35619	7590	02/24/2006		EXAMINER	
	BUTED PO		PATEL, RAJNIKANT B		
		JTH HIGUERA ST. CA 93401	ART UNIT	PAPER NUMBER	
	ŕ		2838		
			DATE MAILED: 02/24/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

; i		A	pplication No.	Applicant(s)				
Office Action Summary			0/710,957	WEST, RICK				
			kaminer	Art Unit				
		Ra	ajnikant B. Patel	2838				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply								
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).								
Status								
1)⊠ Res	sponsive to communication(s) file	ed on <u>14 Augu</u>	st 2004.					
2a)∏ This	This action is FINAL . 2b)⊠ This action is non-final.							
<i>,</i> —	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is							
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.								
Disposition of Claims								
4a) 5)☐ Cla 6)⊠ Cla 7)☐ Cla	im(s) <u>1</u> is/are pending in the app Of the above claim(s) is/a im(s) is/are allowed. im(s) <u>1</u> is/are rejected. im(s) is/are objected to. im(s) are subject to restrice.	re withdrawn f						
Application Papers								
10)□ The App Rep	specification is objected to by the drawing(s) filed on is/are licant may not request that any objected to declaration is objected to	: a) ☐ accepte ction to the draw g the correction i	wing(s) be held in abeyance. Se is required if the drawing(s) is of	ee 37 CFR 1.85(a). pjected to. See 37 CFR 1.121(d).				
Priority unde	er 35 U.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 								
2) Notice of [References Cited (PTO-892) Draftsperson's Patent Drawing Review (F n Disclosure Statement(s) (PTO-1449 o		4) ☐ Interview Summar Paper No(s)/Mail [5) ☐ Notice of Informal					
	s)/Mail Date	· • • • • • • • • • • • • • • • • • • •	6) 🔲 Other:					

DETAILED ACTION

Claim Rejections - 35 USC § 103

1.

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mehnert (U.S. Patent # 4,685,043) in combination with Marwali (U.S. Patent # 6,466,465) and Perry (U.S. Patent # 6,768,658).

Mehnert discloses claimed subject matters a power conversion apparatus (figure 2 and 3), including AC power phase by an amount substantially equal 360 degrees (figure 3), divide by number of converters per phase. Mehnert does not disclose the utilization of the technique for the purpose of reducing the high frequency ripple current at the common connection point, pulse filter inductors and servo loop regulation. Marwali teaches the utilization of the similar technique for the purpose of reducing the high frequency ripple current at the common connection point, pulse filter inductors (figure 2) and Perry teaches the utilization of the technique for servo loop regulation and power conversion topology like buck or boost or other derived topology (column 1, line 45-55 and column 2, line 60-68). It would have been obvious one having an ordinary skill in the art at the time the invention was made to modify Mehnert's multiphase system by

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utilizing the technique taught by Marwali and Perry for the purpose of providing an inverter in which phase displacement between current and voltage without damaging effects for direct voltage source (column 5, line 15-25).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rajnikant B. Patel whose telephone number is 571-272-2082. The examiner can normally be reached on 6.30-5.00; m-f.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Karl Easthom can be reached on 571-272-1989. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Rajnikant B Patel Primary Examiner Art Unit 2838
